

FIG. 1A

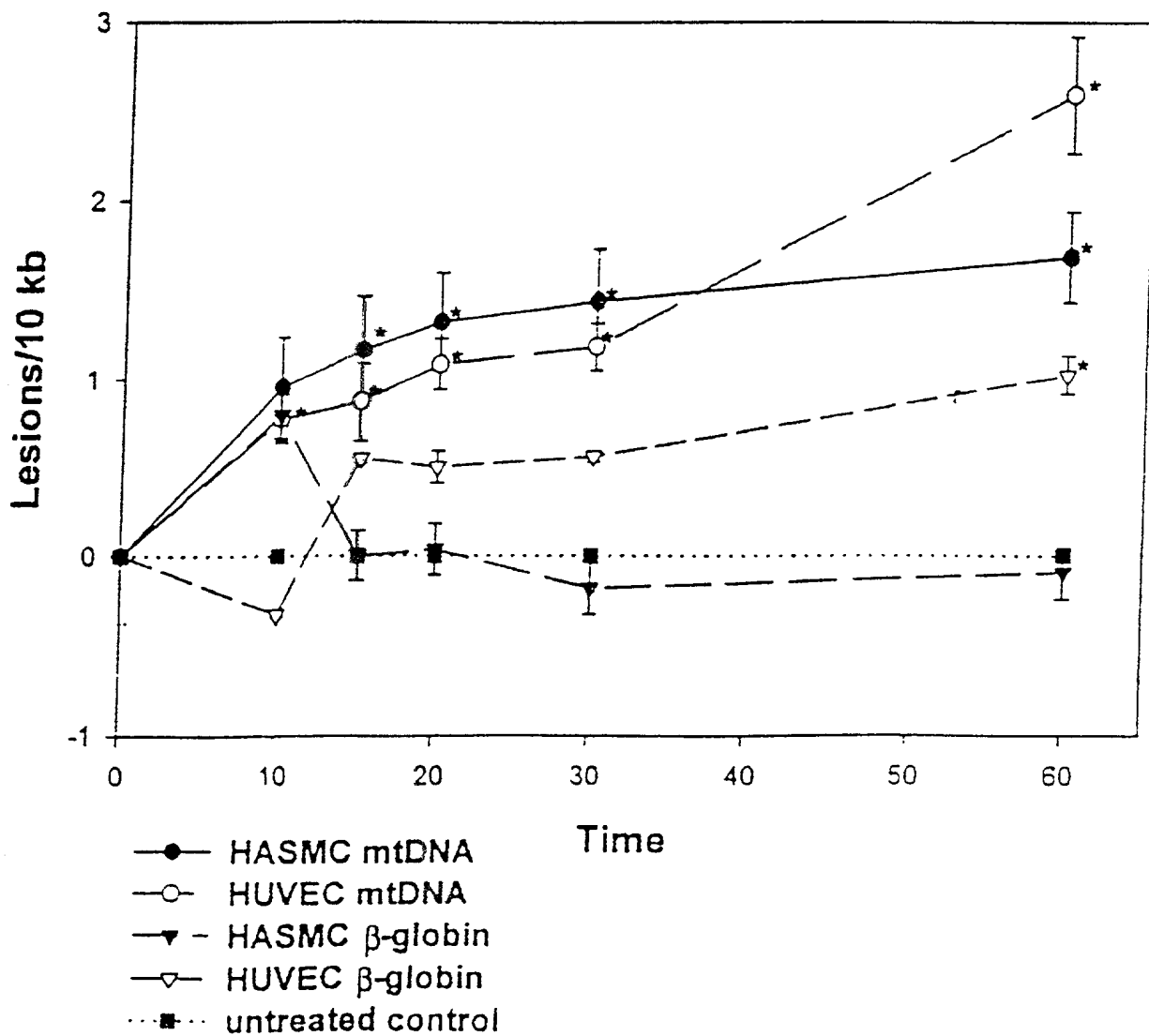


FIG. 1B

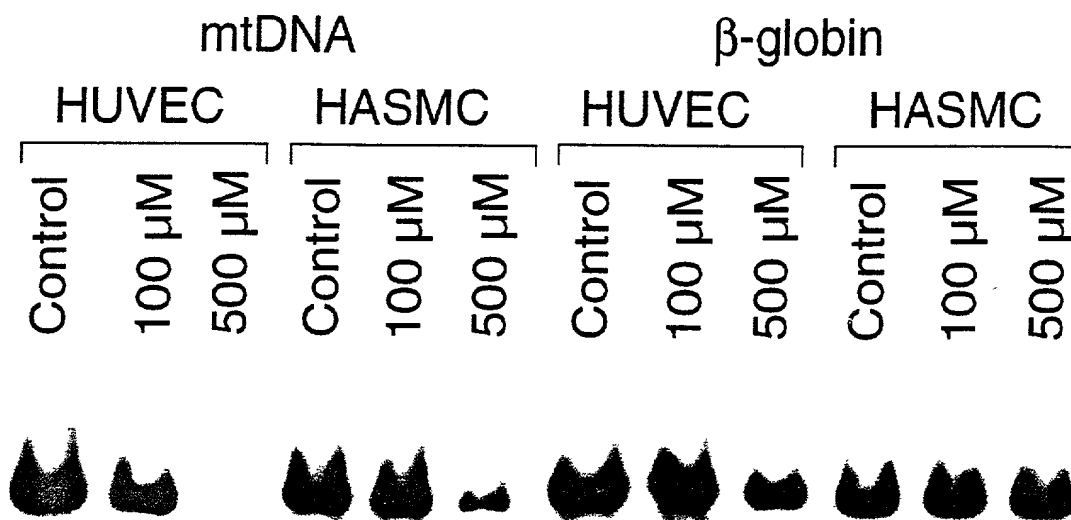


Fig. 2A

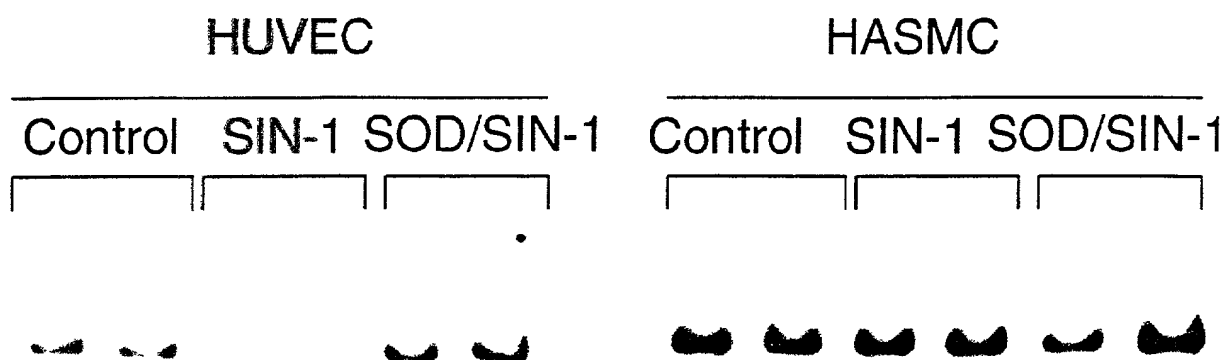


Fig. 2B

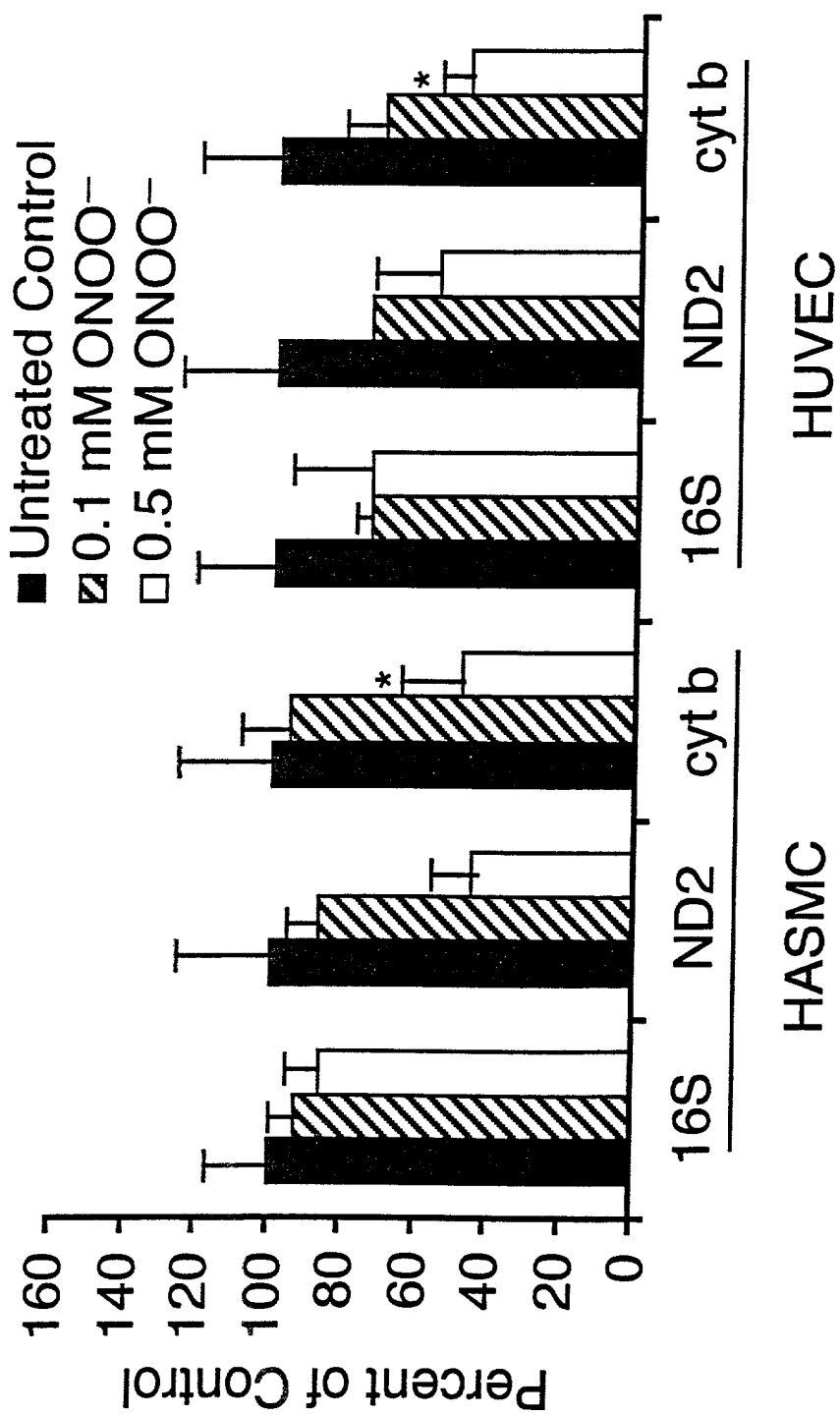


Fig. 3

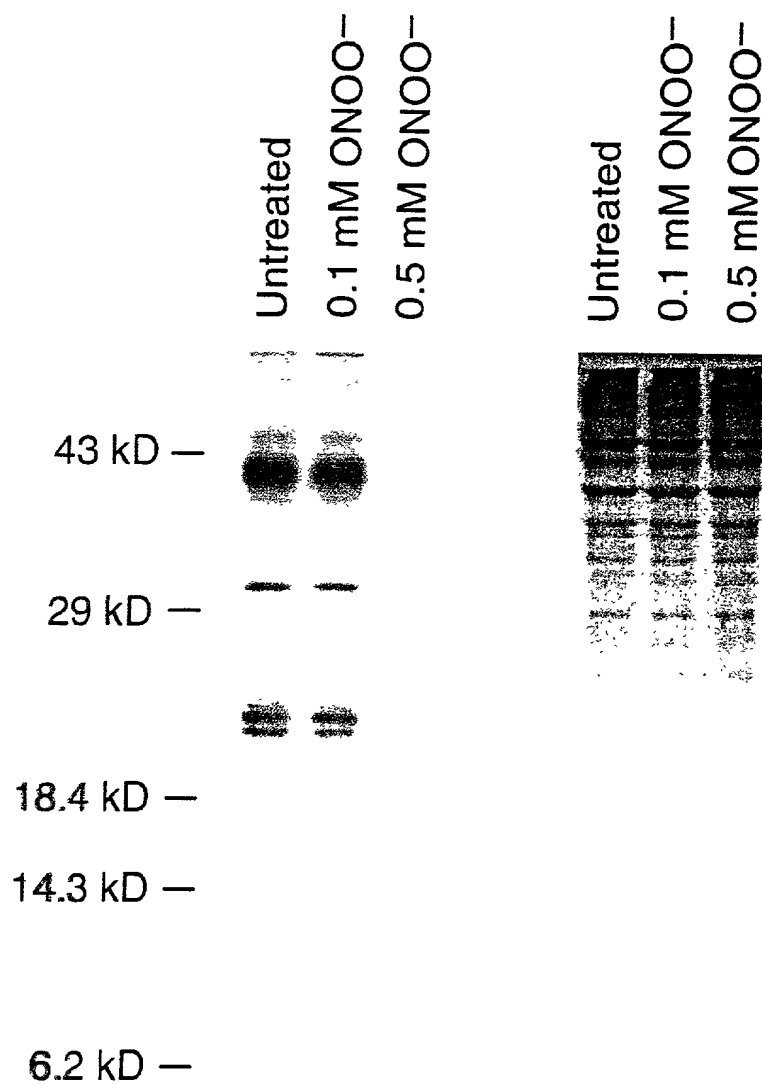


FIG. 4A

<sup>35</sup> S-Methionine Incorporation (% of control)				
	Control	0.2 mM H <sub>2</sub> O <sub>2</sub>	0.1 mM ONOO <sup>-</sup>	0.5 mM ONOO <sup>-</sup>
HASMC	100	67	88	30
HUVEC	100	77	ND	45

FIG. 4B

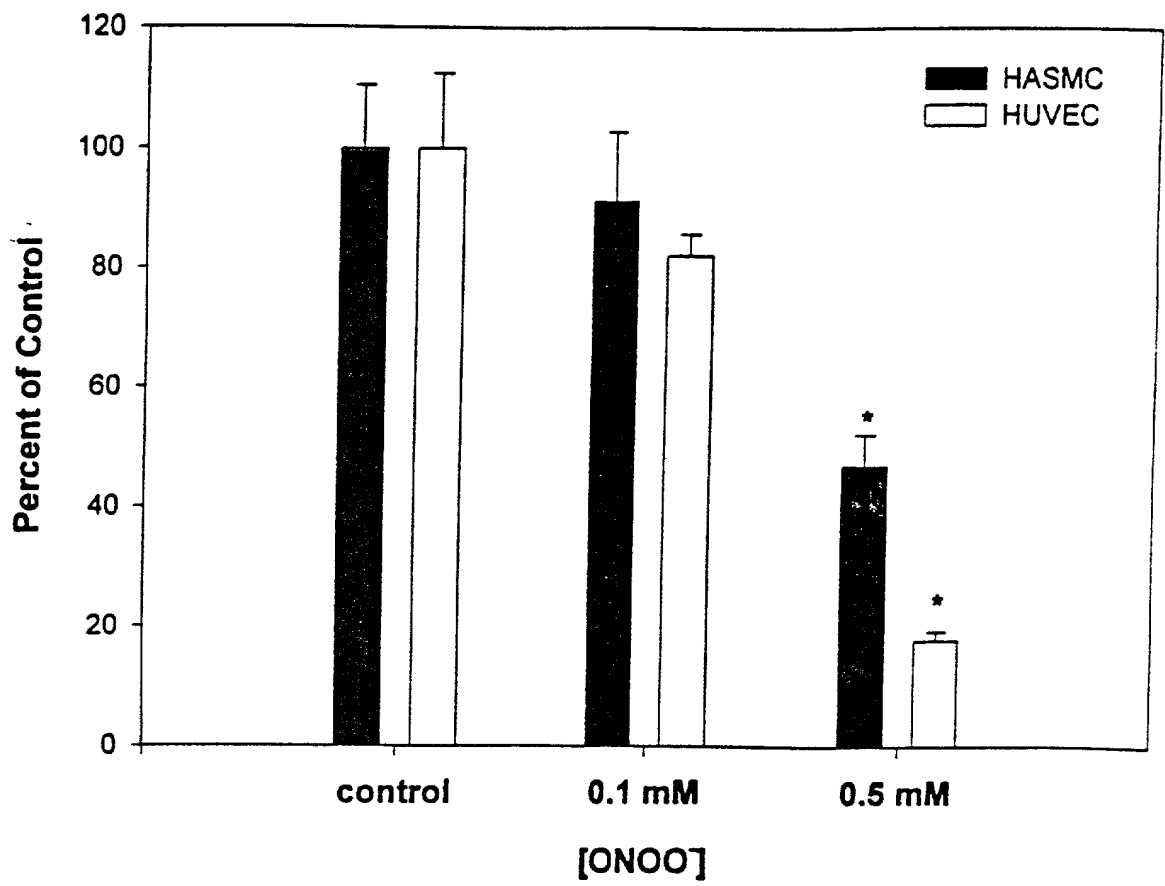


FIG. 5A

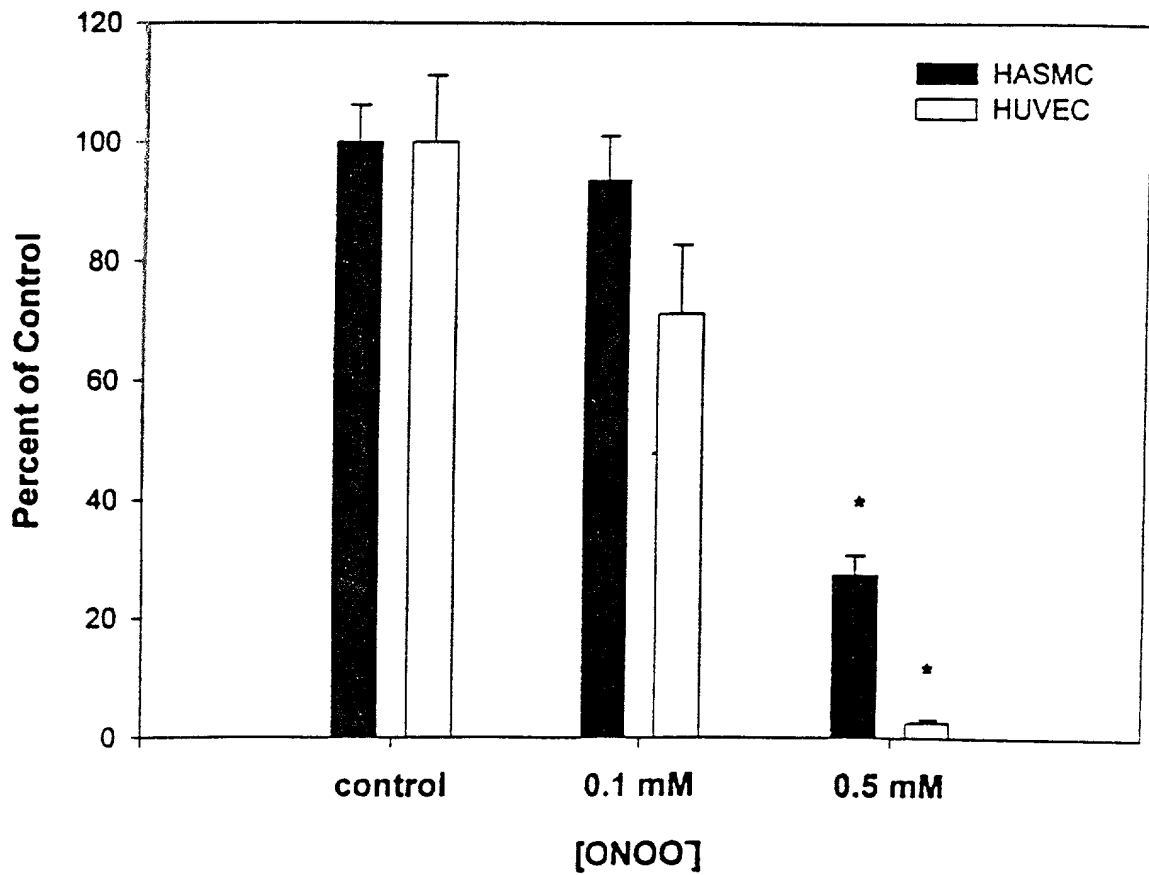
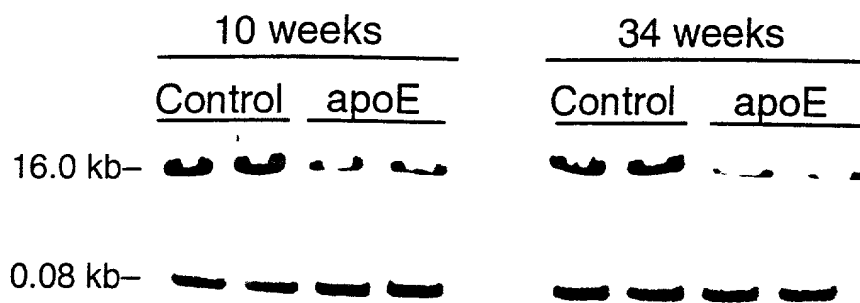
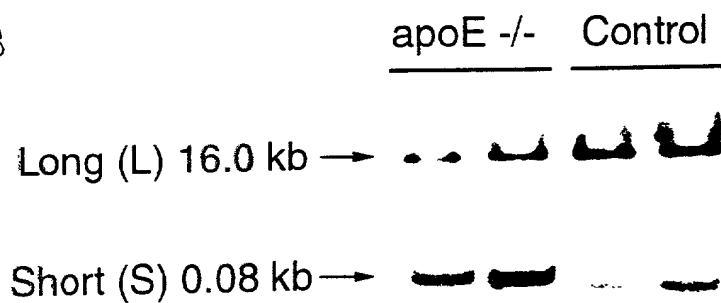


FIG. 5B

A. Mitochondrial DNA Damage  
in Control and apoE <sup>-/-</sup> Aortas

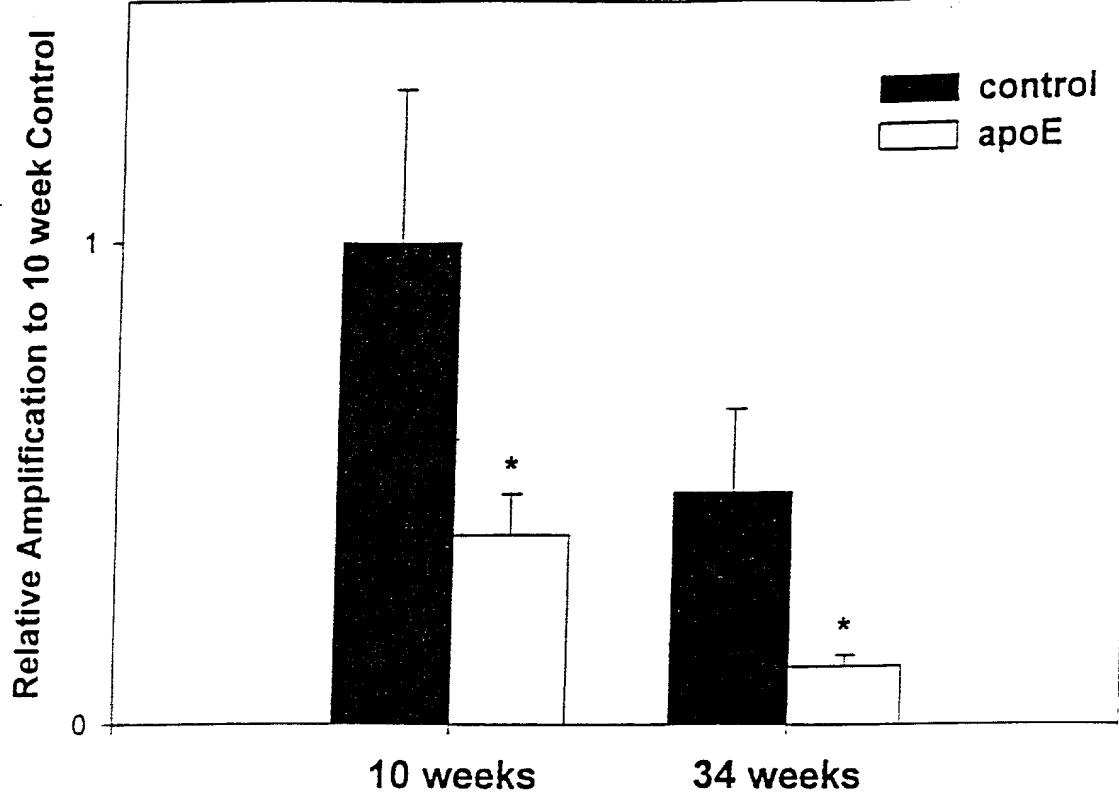


B



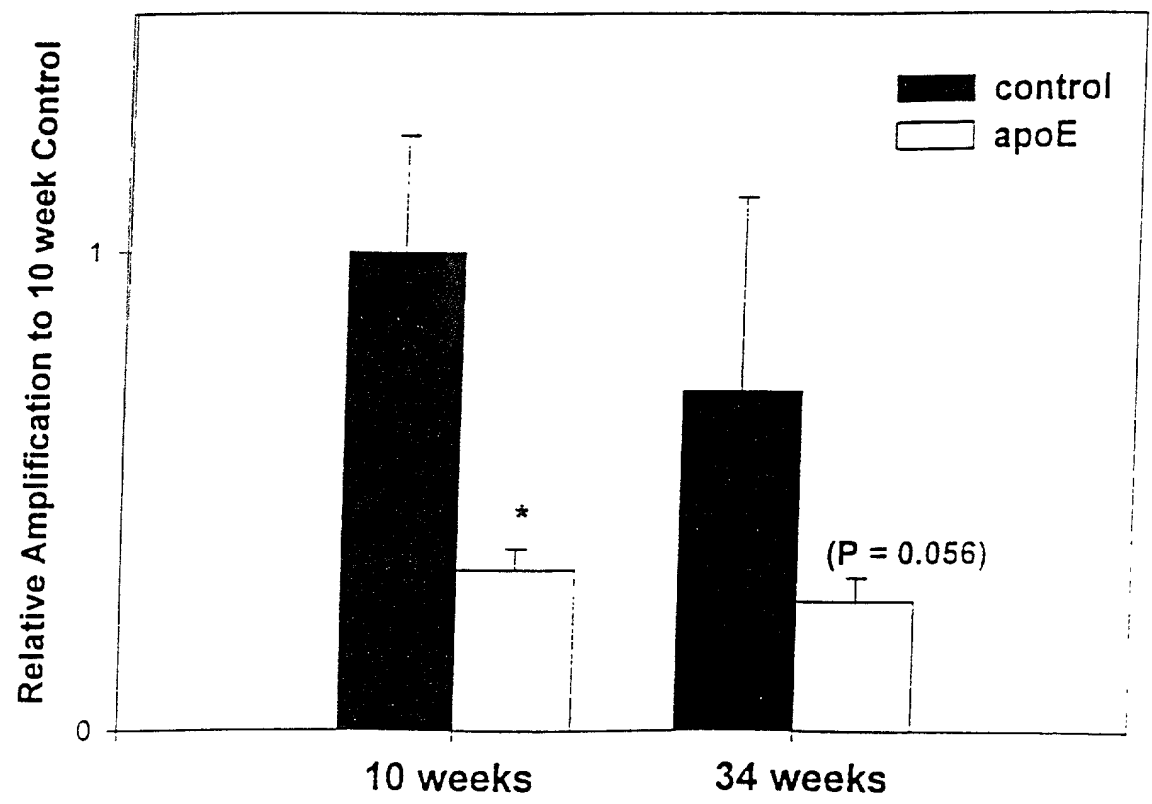
Control	apoE <sup>-/-</sup>	P value
0.0 (0.15)	1.36 (0.16)	0.001

Figure 6



\* significantly different ( $P < 0.05$ ) from matched control.

FIG. 7A



\* significantly different ( $P < 0.05$ ) from matched control.

FIG. 7B

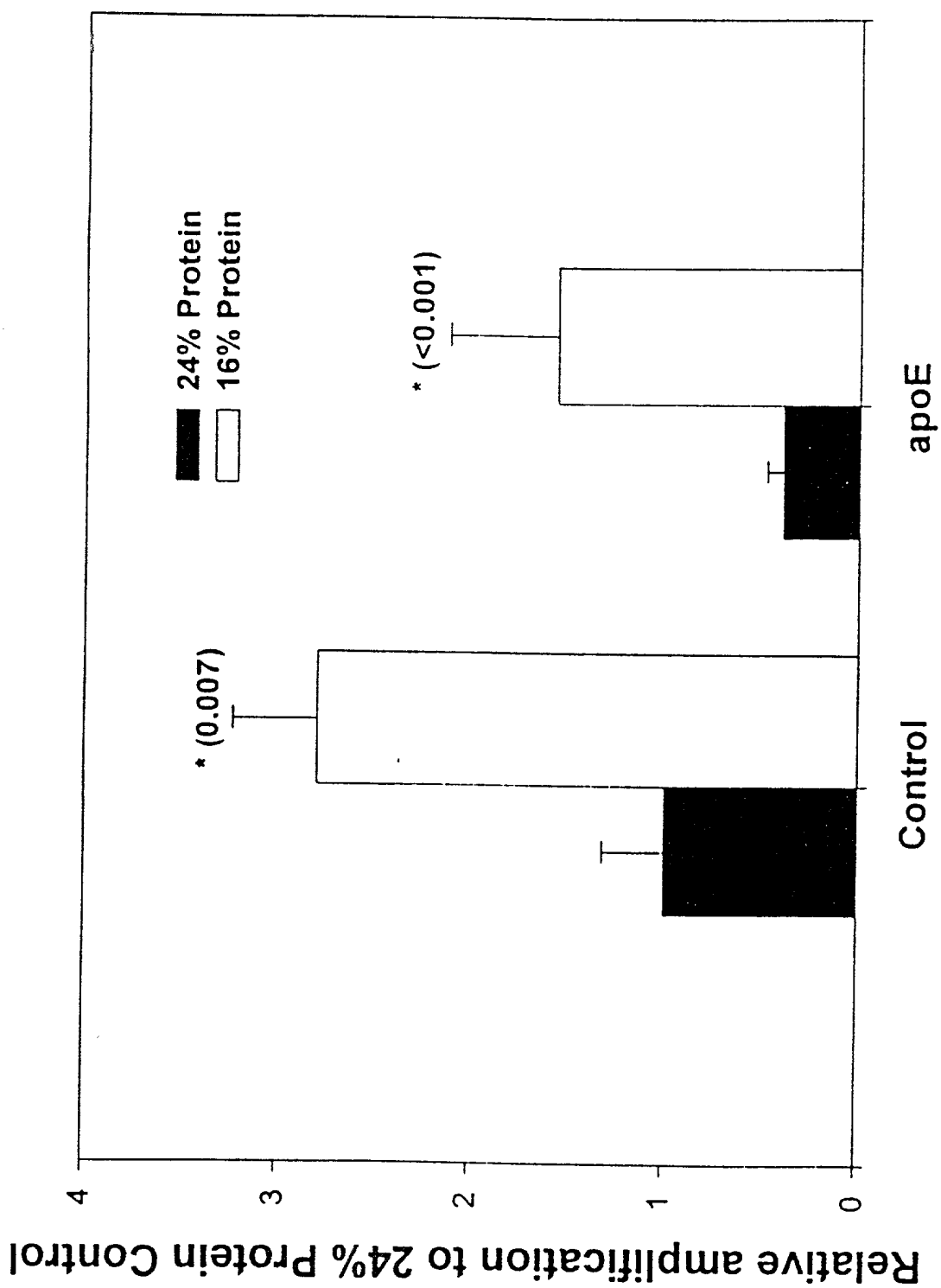


FIG. 8A



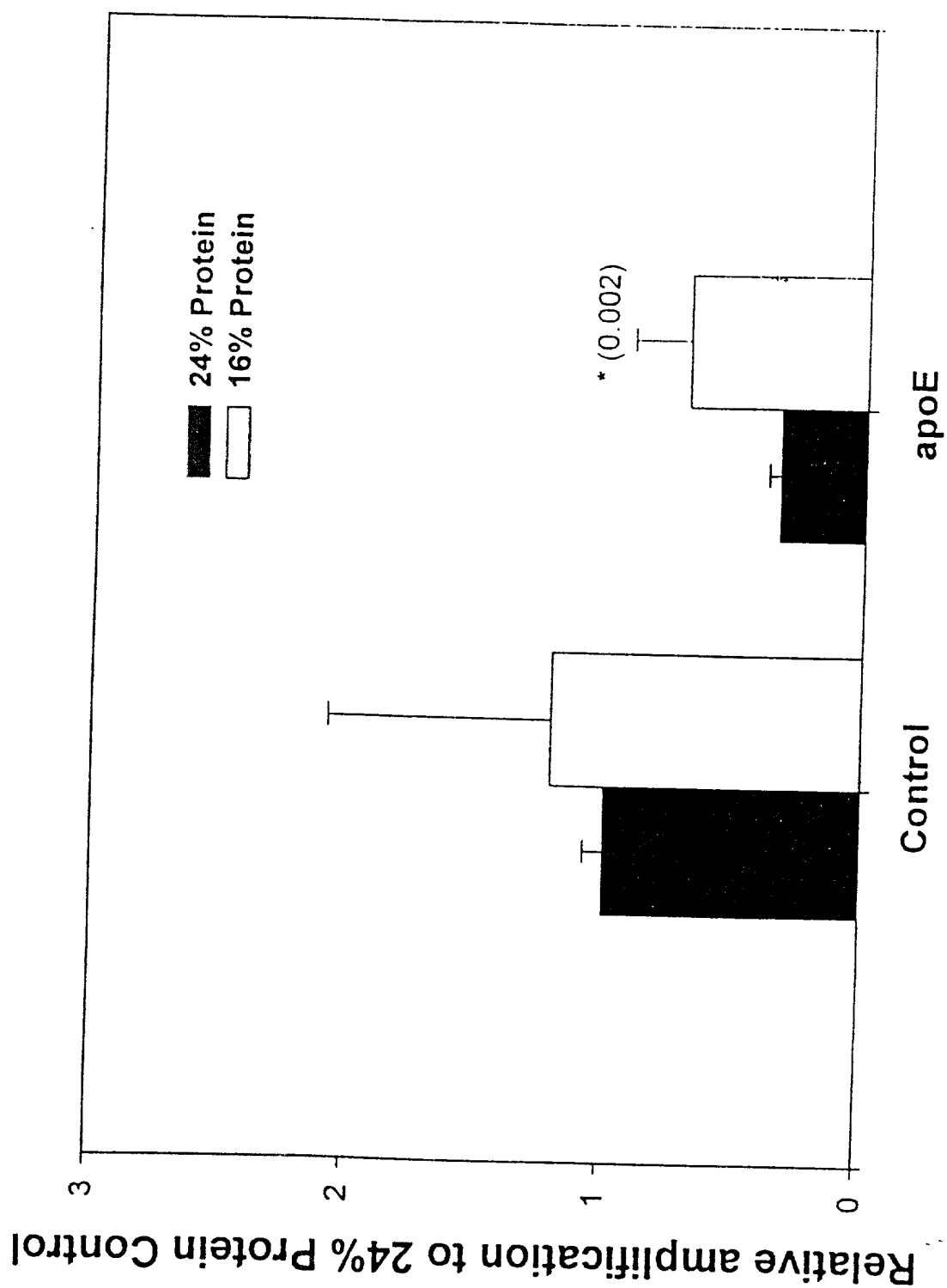
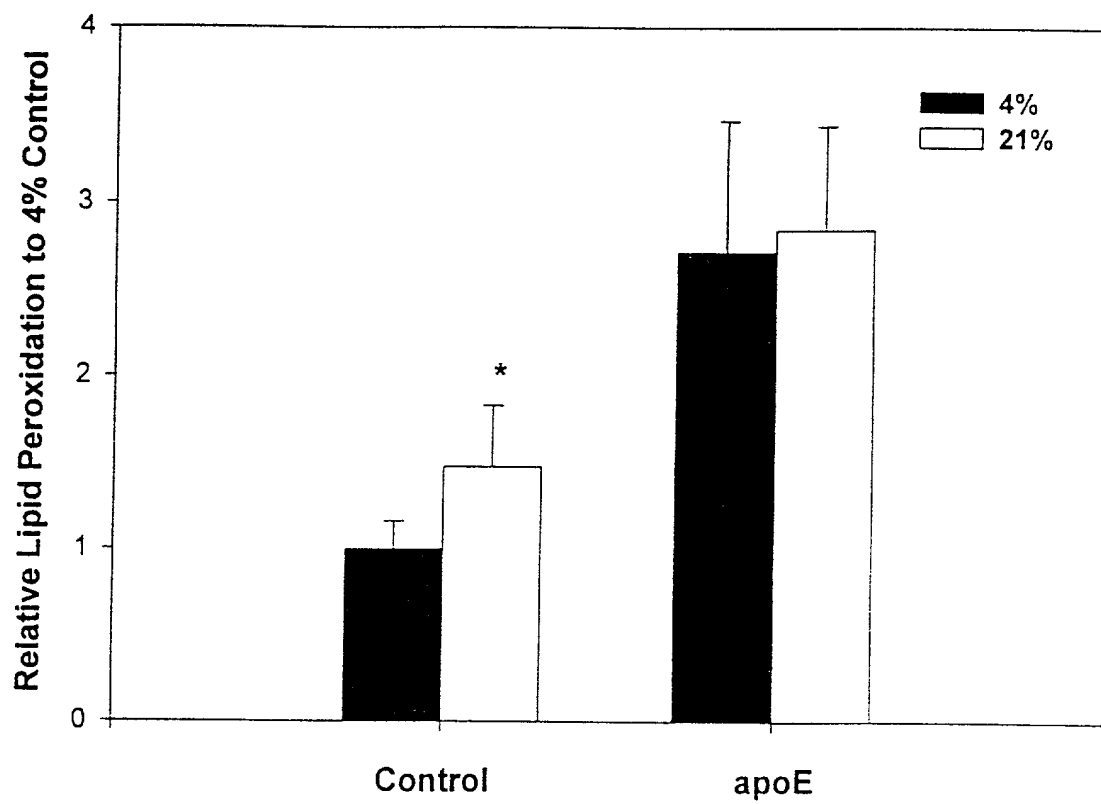


FIG. 8B



\* significantly different ( $P < 0.05$ ) from 4% diet

FIG. 9

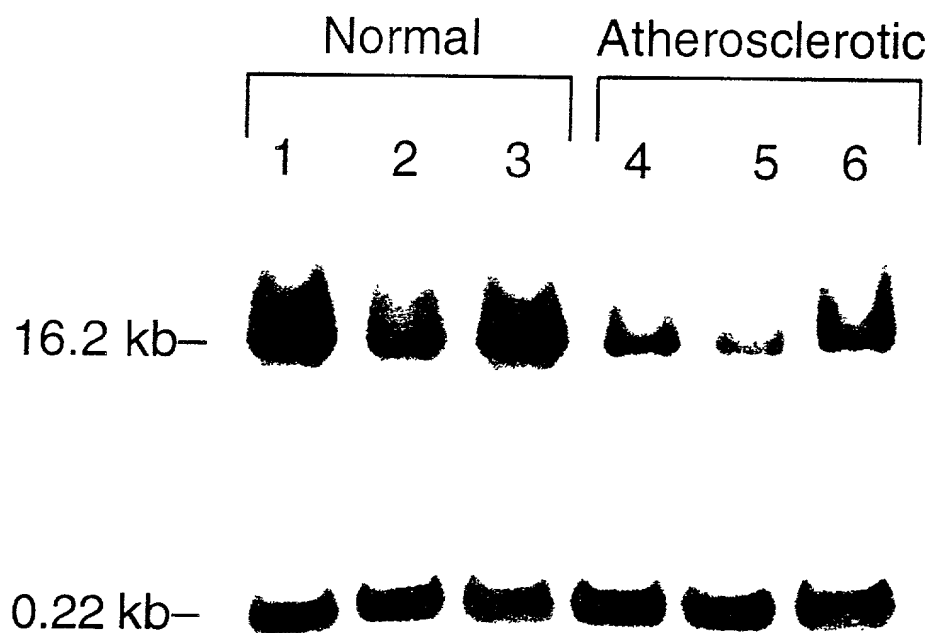


Figure 10

**A**



**B**

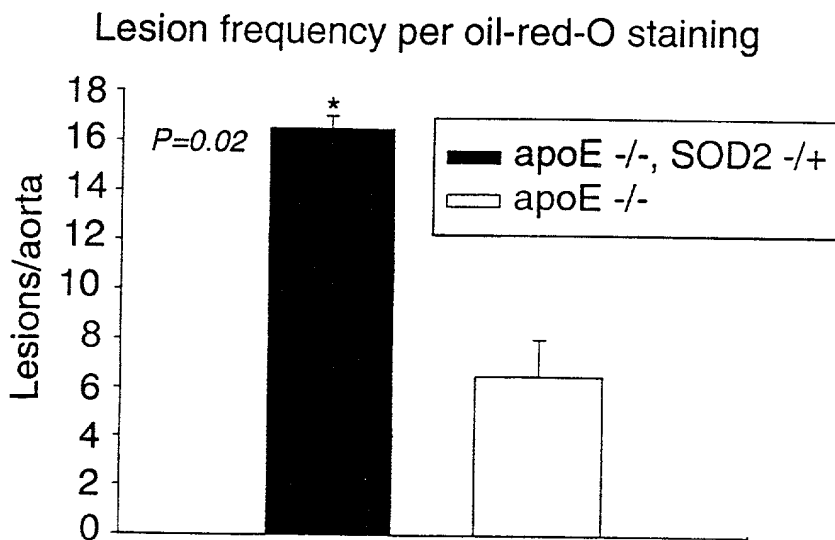


Figure 11

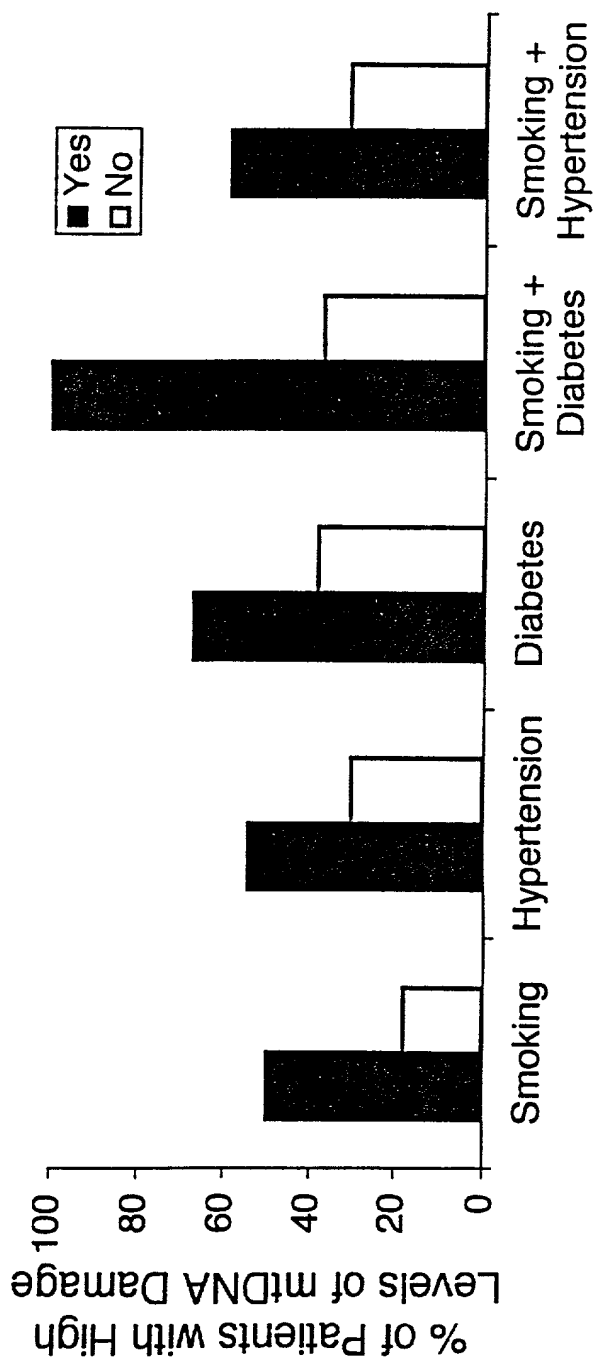


Fig 12



Fig 13

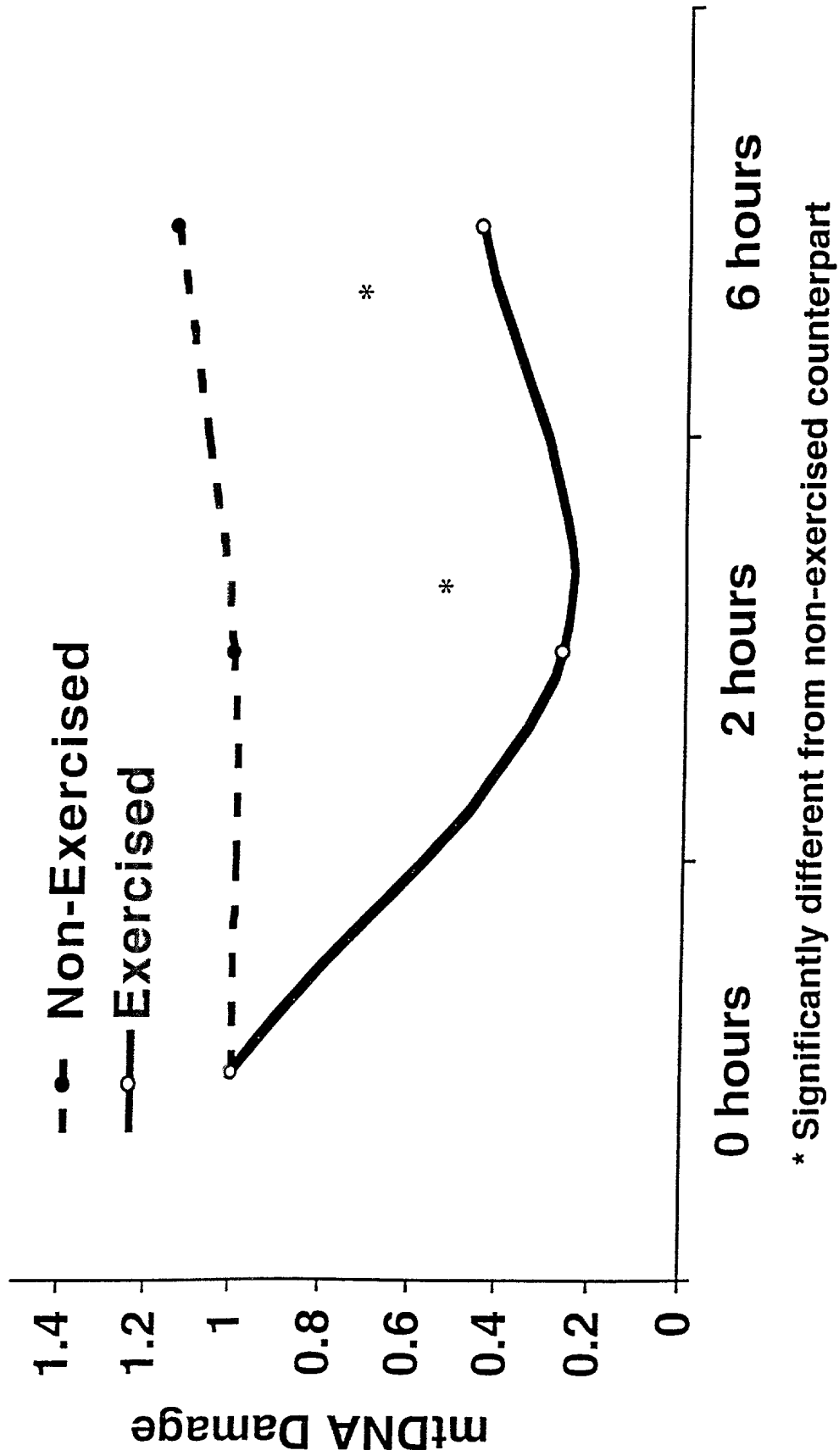
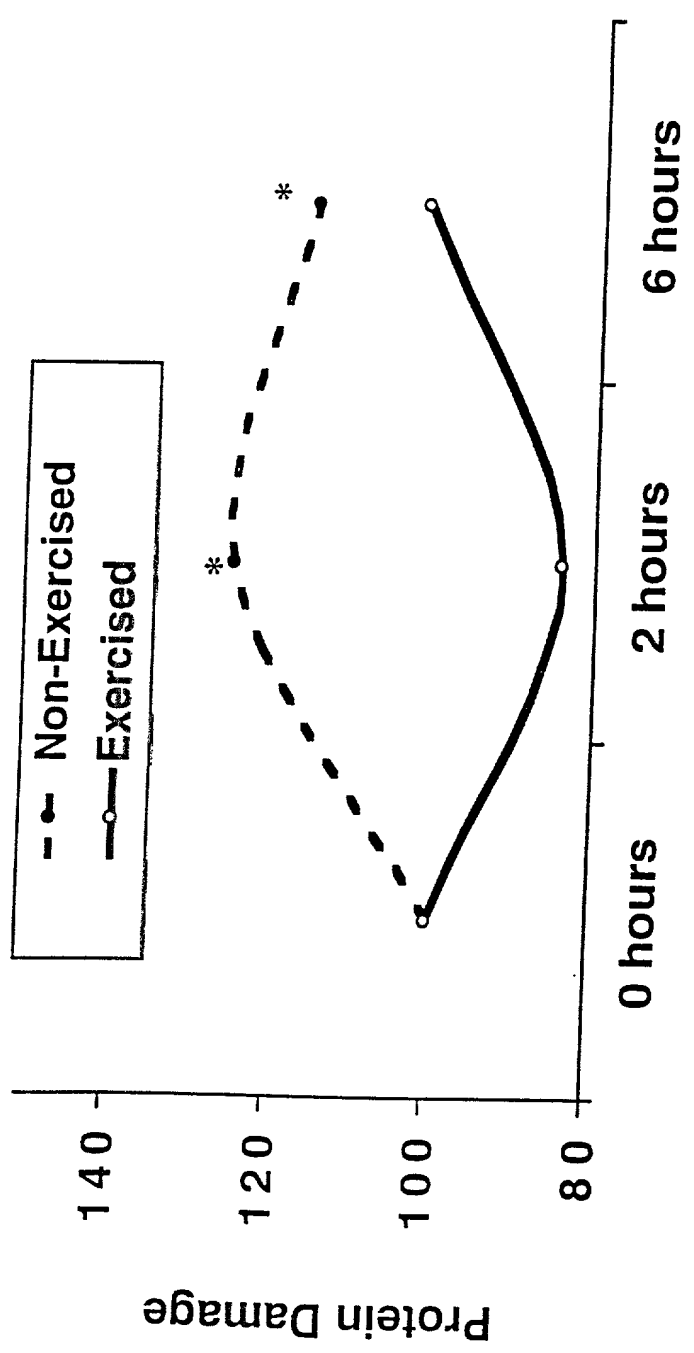


Fig 14



\* Significantly different from non-exercised counterpart

Figure 15